## ABSTRACT OF THE DISCLOSURE

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An electric heat sealer is constructed to include two pivoted arms of substantially T-shaped profile and an electric heating mechanism in one of the arms, each arm having a handhold portion through which the user can hold the electric heat sealer with the left hand or the right hand as desired to directly seal the workpiece with the electric heat sealer, or to operate the electric heat sealer on a worktable when sealing the workpiece. An operation case is selectively used with the electric heat sealer for protection.